HARPER'S WEEKLY

SATURDAY
AUGUST 30
1902

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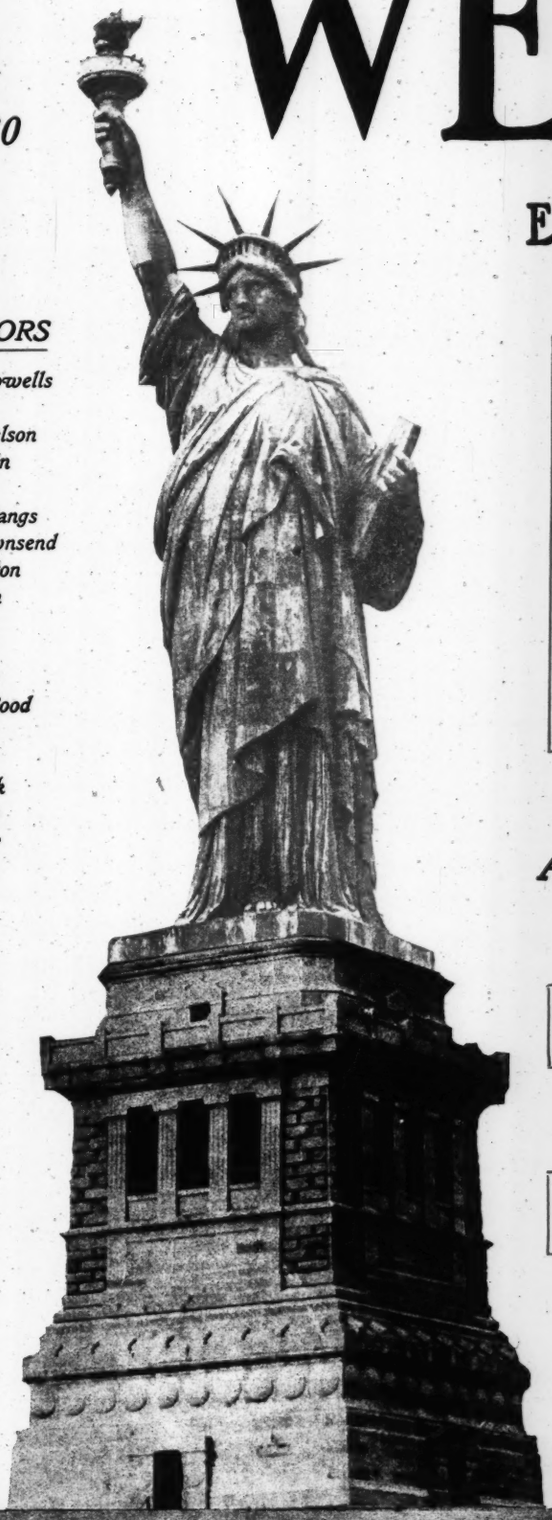

MIMIC WARFARE

The First Army and Navy Manoeuvres in the United States illustrated in a Double-Page Supplement by

RUFUS F. ZOGBAUM

AMERICANS OF TO-MORROW

THIS WEEK

HERBERT H. VREELAND

NEXT WEEK

CORNELIUS VANDERBILT

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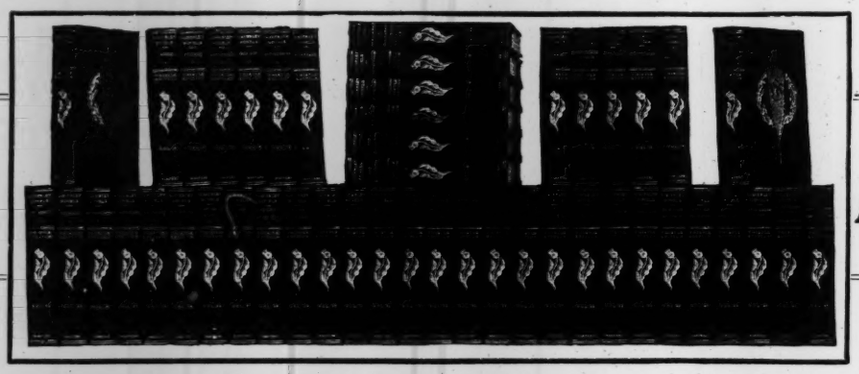

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HARPER'S WEEKLY

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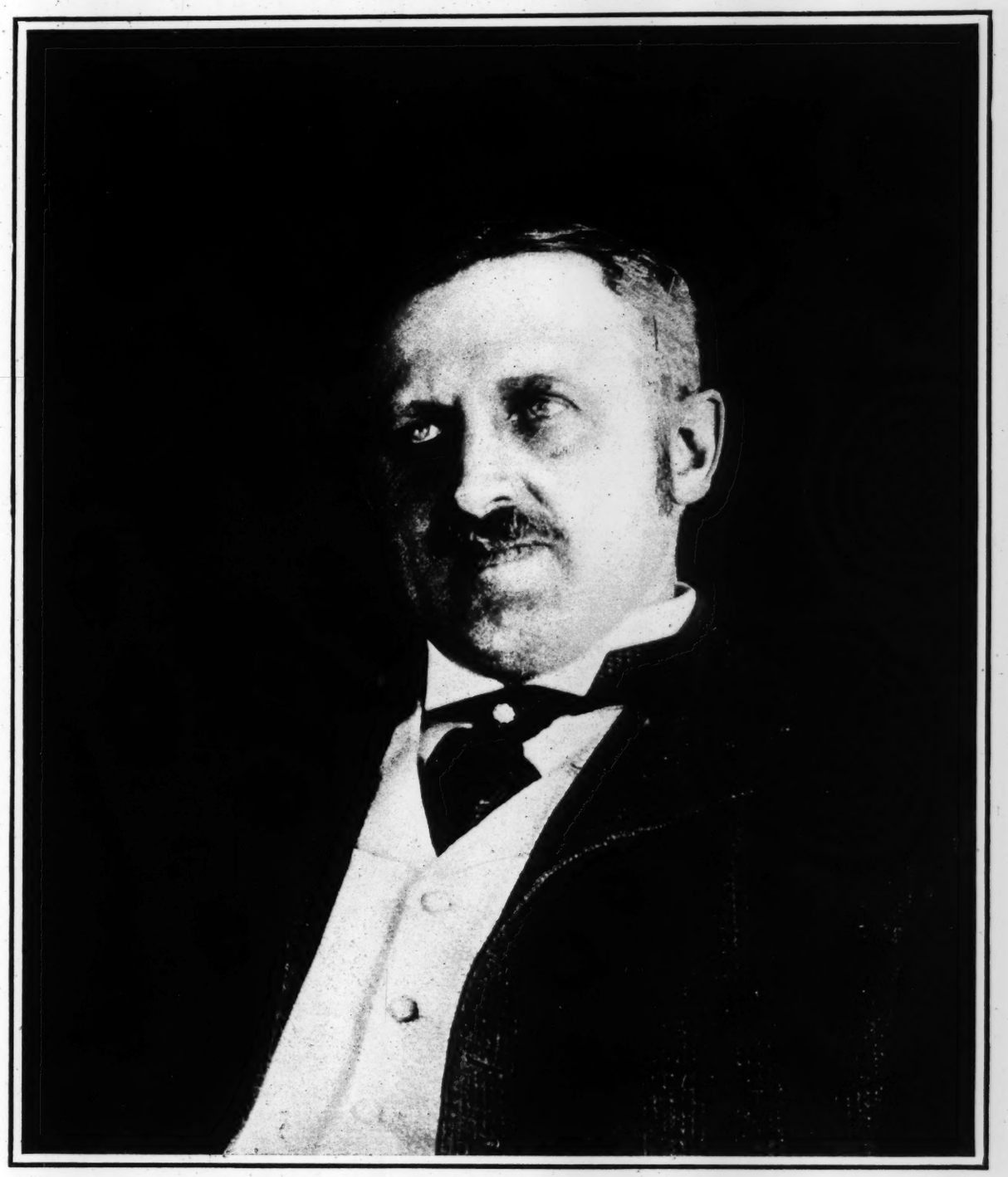
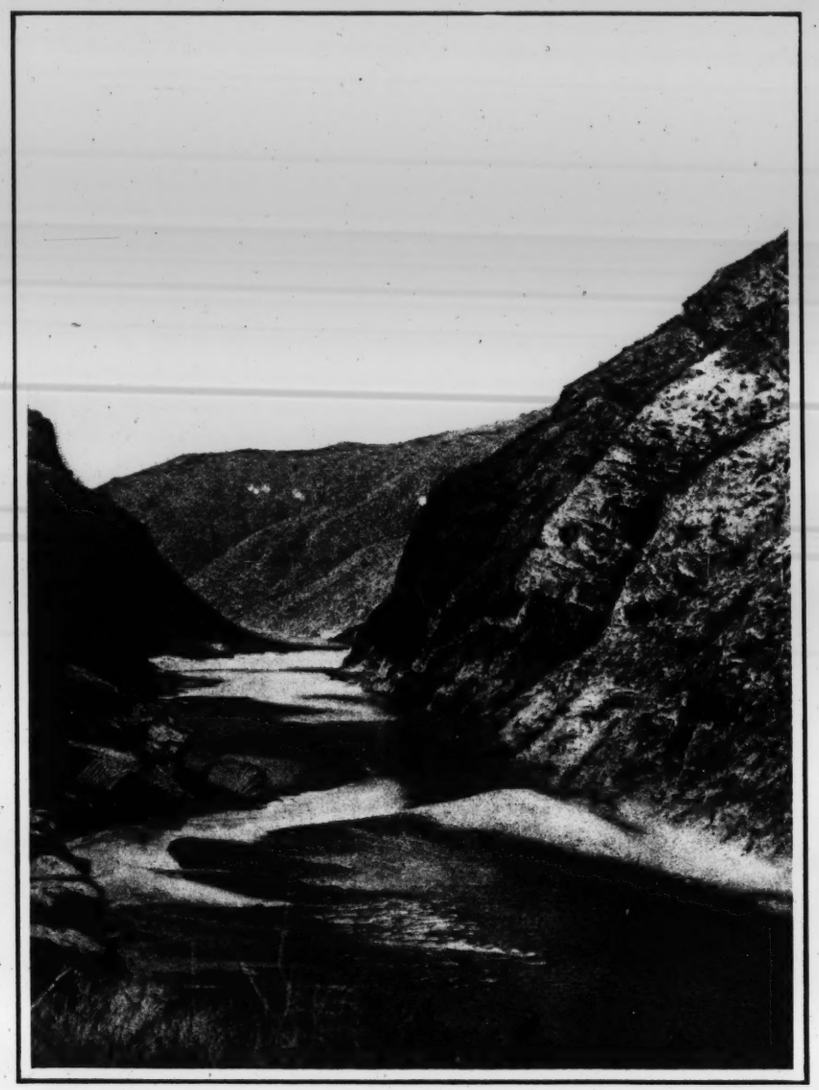


AMERICANS OF TO-MORROW

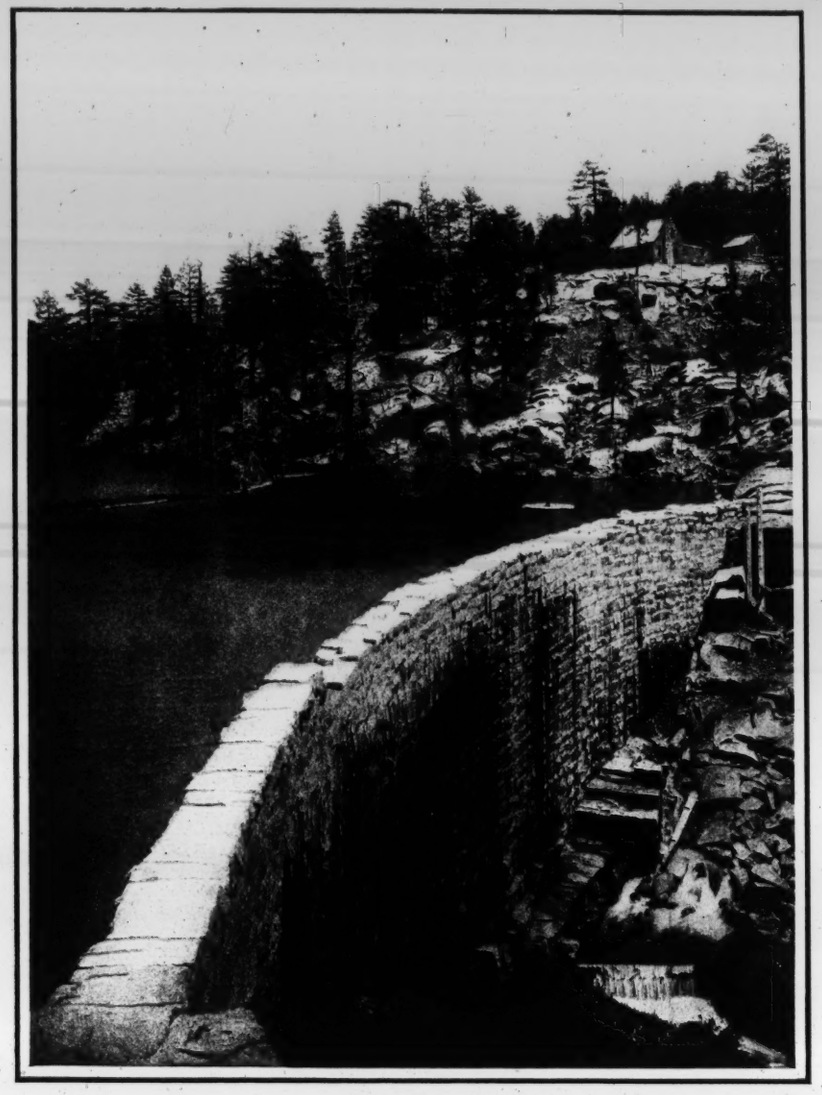
V.—HERBERT H. VREELAND, *AET. 45*

See page 1191—Editorial Section



Typical Site for Reservoir Dam

Canyon opens above into wide valley, which the dam will convert into a storage-lake



Bear Valley Dam

A typical masonry structure, on site such as is shown on this page, with water accumulated above

Orchard in Irrigated District near Phoenix, Arizona

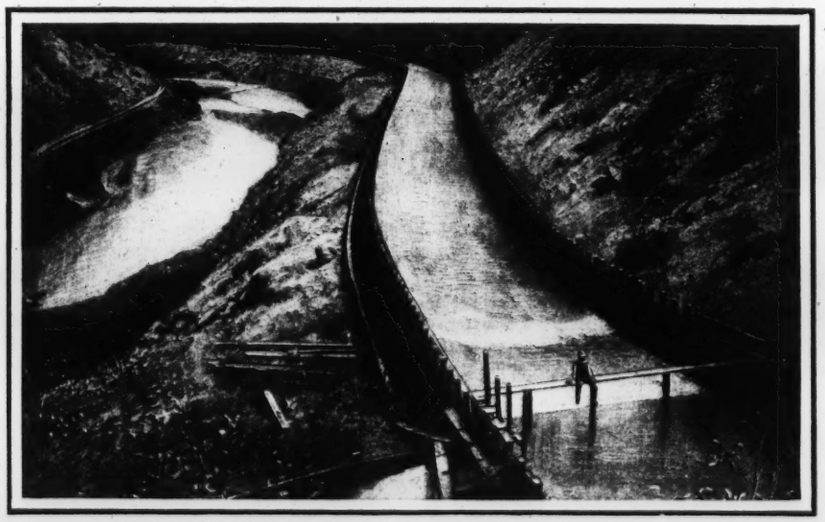
Illustrates manner of applying water. This orchard is in the heart of what has been called the "Arizona Desert." Before ditches were constructed the soil was entirely barren

Almond Orchard near Phoenix, Arizona

Showing result of three years' culture under irrigating ditches. These lands are now more valuable than the best farming lands in the Mississippi Valley

Canal on Side of Rodriquez Mountain, California

An example of what has been accomplished by private enterprise. Canal carries water from reservoir in mountains to irrigable lands in lower valley



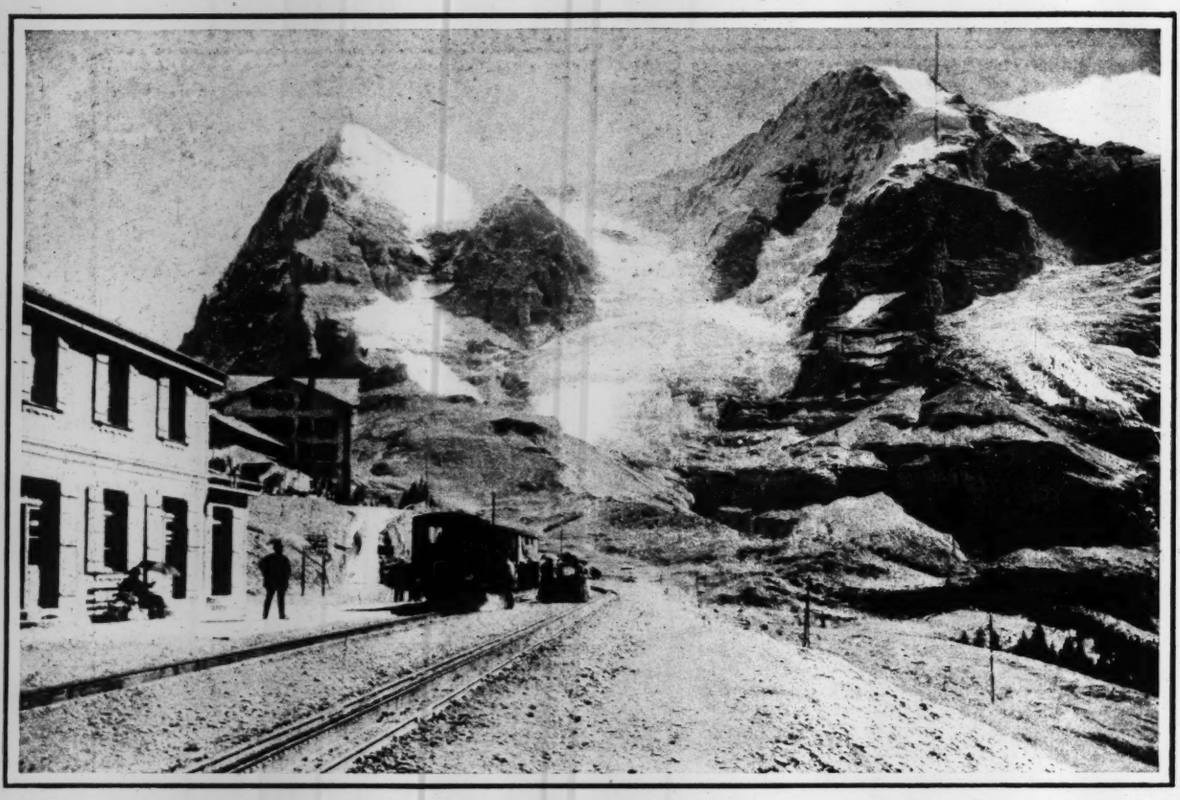
High Line Flume, Platte Canyon, Colorado

This flume, carrying water taken from Platte River, supplies the city of Denver and also the farming lands along its course

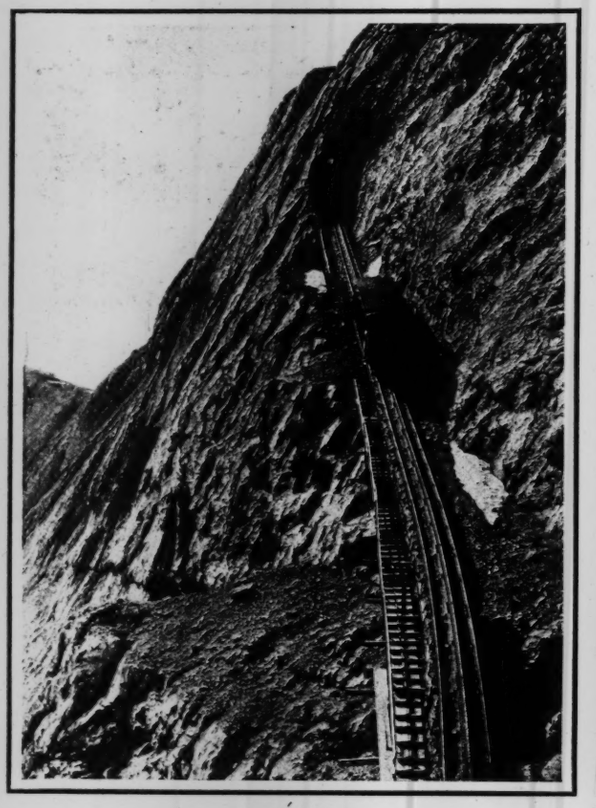
THE STATUS OF THE IRRIGATION IDEA IN THE ARID LANDS

The broadening of the scope of irrigation made possible by the act of Congress at the last session

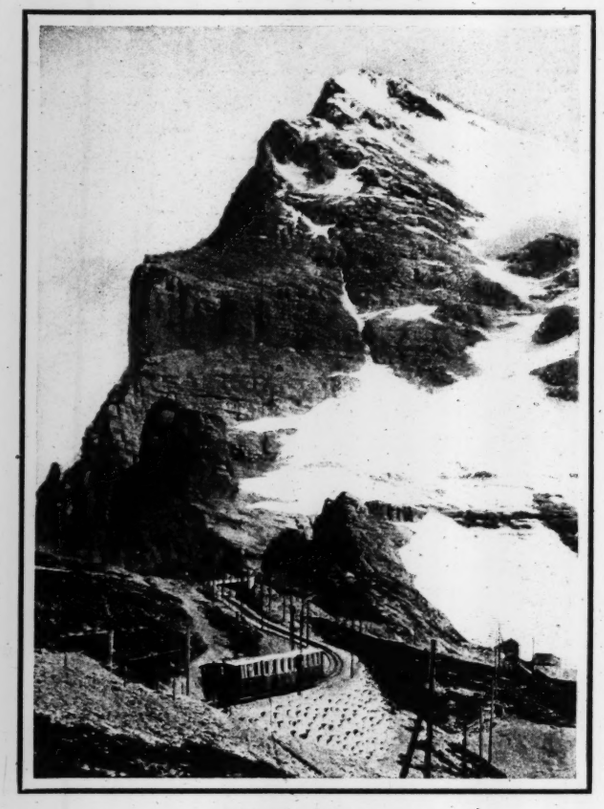
See Page 1192



Crossing the Wengern Alp
The cog-wheel railway at its terminal, showing the Eiger and Monch in the background



Mount Pilatus
Climbing the face of a cliff



The Jungfrau
Railway in course of construction to conquer the great Alpen peak

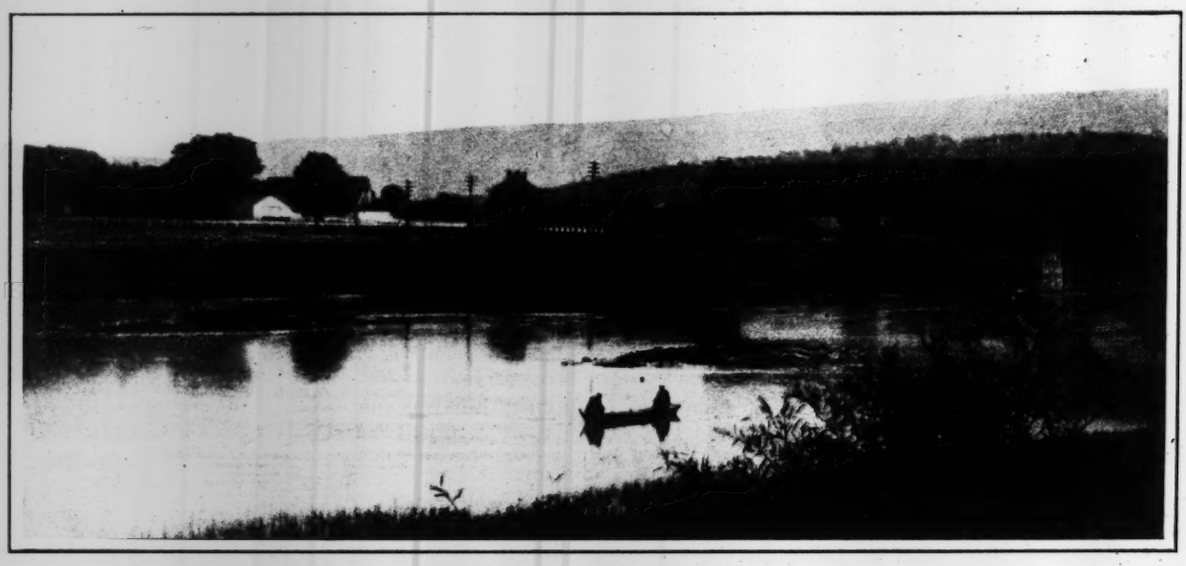
WHAT ENGINEERS HAVE DONE TO OPEN UP IMPASSABLE COUNTRY

Photograph by Bradley Studios

MRS. CORNELIUS VANDERBILT

Who on August 25 gave to a large number of Newport friends a novel society entertainment, an original feature of which was the importation of "The Wild Rose" company, from New York, for a single performance at her home

On a Pennsylvania Highway



The Juniata at Port Royal

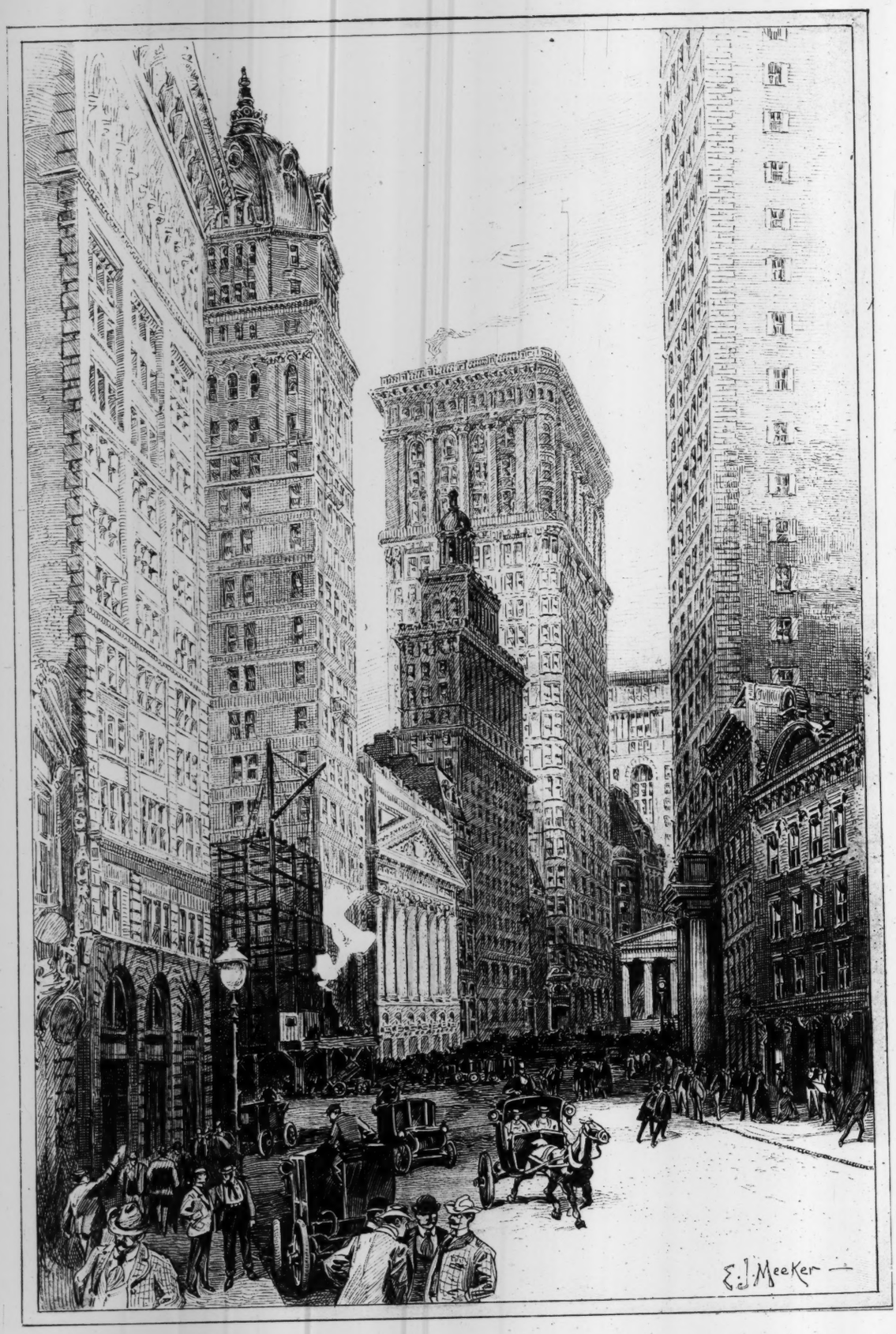
Typical Farm Buildings in the Juniata District

ALONG THE BLUE JUNIATA

Making Apple Butter

ALONG THE BLUE JUNIATA

Illustrations by Clifton Johnson.—See page 1194



THE FINANCIAL CENTRE OF THE WORLD

Broad and Wall streets, New York city, showing the new Stock Exchange on the left, the Treasury building in the background, both towered over by the skyscrapers of that locality

THE LAST CAST

Coming out of woods at the end of the season

COLONEL ROOSEVELT IN CUBA—THE TAKING OF SAN JUAN HILL

From the painting which hung in the Paris Salon of 1902, executed by Ernest Jean Delahaye. a former pupil of Gerome, and recipient of the third medal, Salon of 1882, second medal, 1884, and silver medal of the Exposition of 1889